Ken-Tool® Serpent™ Tire Changing System

Reshaping the way tires are changed™

3 Piece Set #35453

And you thought a serpent was just a snake in the grass...

Simple. Easy. Quick. Revolutionary new designs take the struggle out of mounting and demounting truck tires.

Serpent™ Tire Changing System includes:

1 T2001 (35449) Demount

- Demounts both beads on most truck tires and eliminates the need for lifting the tire/wheel assembly off of the ground, and then dropping it
- Wide blade clicks in place and easily pulls bead over rim
- Heat-treated for extra strength and durability
- No moving parts to break or wear out

MADE IN U.S.A.

2 T2002 (35450) Mount

- Wing shape is designed to stop against the rim, and then remove itself effortlessly from between the rim and bead
- Small end of the tool easily gets under the stretched bead for that last pull
- Offset tool design reduces amount of bending required to mount tire
- Heat-treated for extra strength and durability
- No moving parts to break or wear out

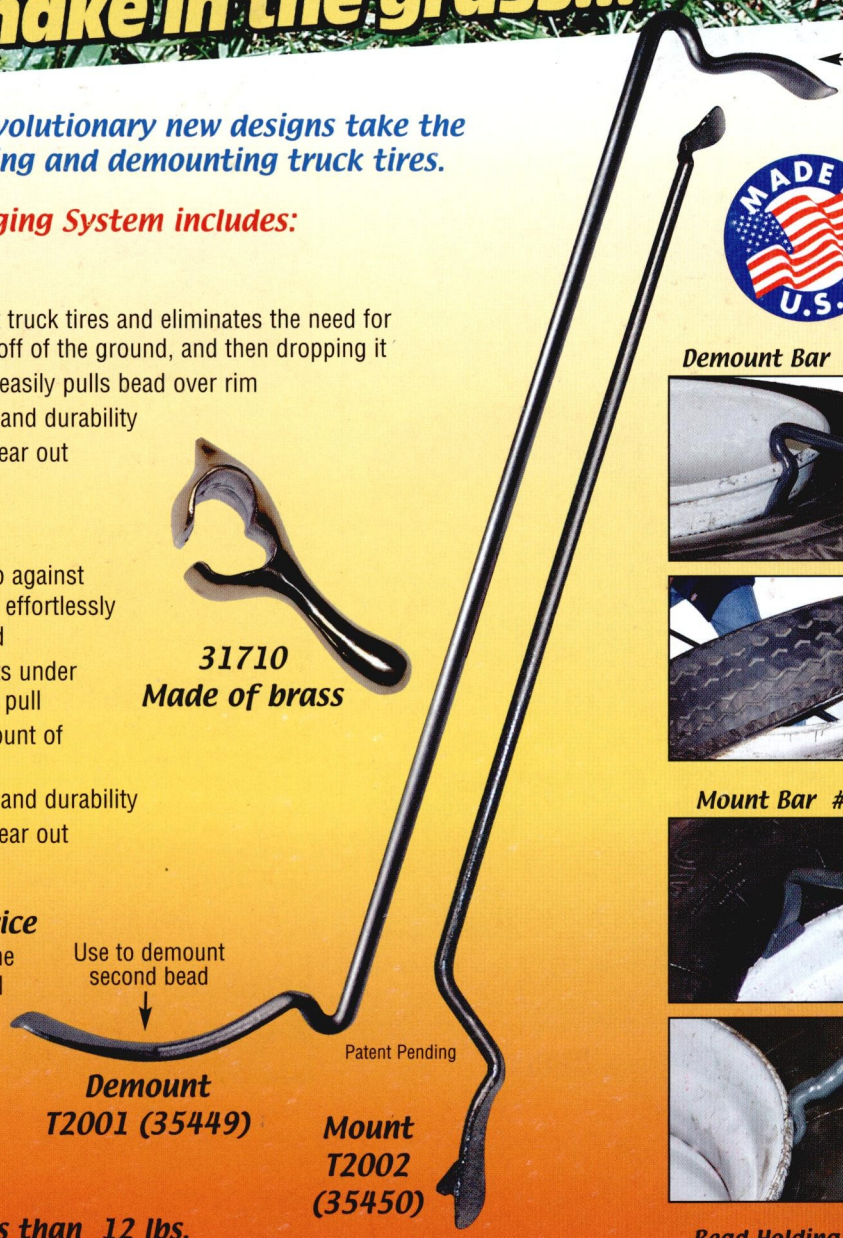
MADE IN U.S.A.

31710
Made of brass

3 31710 Bead Holding Device

- Fits easily on the rim to hold the bead in place against the wheel
- Use when mounting the tire on to the wheel
- Keeps bead from slipping during mounting
- Do not use to pry

Made in India



Demount
T2001 (35449)

Mount
T2002
(35450)

Complete set weighs less than 12 lbs.

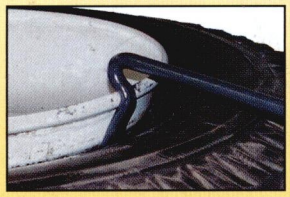
Available as set #35453 or individually:

Model	EDP No.	Length	Stock	Weight
T2001	35449	39" (99 cm)	3/4" (19 mm)	6.5 lbs (3 kg)
T2002	35450	38" (96.5 cm)	11/16" (17.5 mm)	4 lbs (1.8 kg)
31710	31710			1.4 lbs (.6 kg)

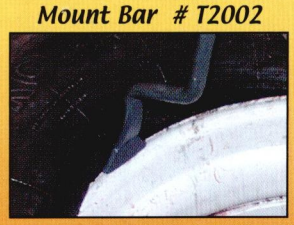
~ See reverse side for complete Mount / Demount instructions ~

MADE IN U.S.A.

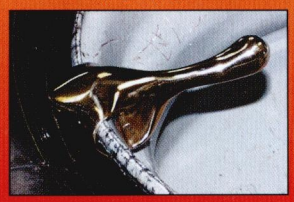
Demount Bar # T2001



Mount Bar # T2002



Bead Holding Device # 31710



For additional information and in-use videos on these and other new Ken-Tool products check out our web site at www.kentool.com

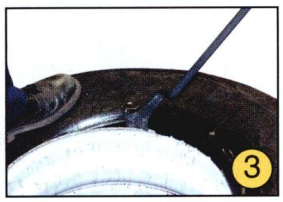
Serpent™ Tire Changing System Instructions

For mounting tires use T2002 (35450) Mount tool

Mount First Bead

Mounting: Insert valve stem. Lubricate both bead seats of the rim and both tire beads. Push lower bead over flange and into rim well. Using the wing shaped end of tire iron with stop resting on rim flange, pry tire over flange, (see photo #1) starting where tire bead crosses rim flange. Repeat progressively around tire working with small sections until the tire is completely over the rim. By rocking the tool sideways onto the wing, the tip will release itself from the rim and bead. (See photo #3 below)

Mount Second Bead



Stand on the tire to push a section of the bead over the flange and into the well. When using this tool, a bead holding device (#31710) is recommended to hold the bead in place. (See photo #2) While standing on the tire, insert the wing shaped end of the tire iron between the tire bead and rim flange. Push the tire bead over the rim flange opposite where the tire is already in the well. Repeat this step taking small sections of the bead until the last section is pried over the rim flange until tire is mounted.

The small end of the tool easily gets under the stretched bead for that last pull.

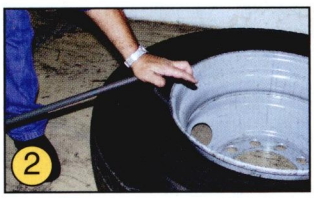
31710 Bead Holding Device

Insert bead holding device over the rim with the small tip against the tire, and slide it to where the bead and the rim meet. (Handle should be in well of rim.) It is to be used as a holding device only. Do not strike the holder or pry with it.

For demounting tires use T2001 (35449) Demount tool

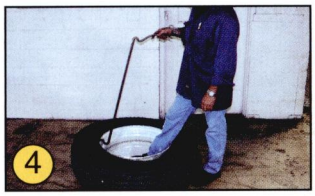
Demount First Bead

Break and **lube both** beads. Lay tire on floor with short side of wheel up. Hold curved part of **large end,** with the tip facing up, behind you.

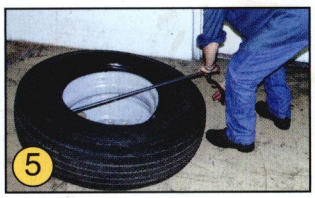


Keeping fingers out of the area ***between*** tool and tire/wheel, fully insert **small end,** between rim and tire bead nearest you, in top bead of tire.

Lift **large end**.

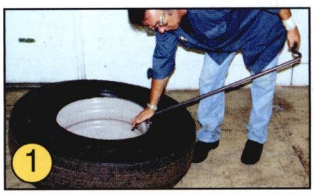


Step through the wheel and pull tool across center of wheel. Push tool straight down to opposite side using even pressure. Do not bounce tool.



First bead is now demounted. Remove tool from wheel. **Do not pick up tire/wheel assembly.**

Demount Second Bead



Fully insert **large end** into gap between wheel and tire until you feel bottom bead.

Hold curved part and lift **small end**, step through the wheel and pull tool across center of wheel. Push tool straight down to opposite side using even pressure. Do not bounce tool.

If tire does not fully demount, move the tool around rim to take another "bite" at the bead and repeat.

SAFETY WARNING: Always wear approved safety eye protection when servicing tires and wheels and whenever using hand tools.
Follow all tire and rim manufacturers' instructions when changing and inflating tires.
Never use these tools for anything except mounting/demounting tires.

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